

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1759	digital adj camera and pixel near locat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:18
L2	763	1 and (denois\$3 or smooth\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:18
L3	124	2 and sharpen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:18
L4	33	3 and mosaic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:19
L5	33	4 and filter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:19
L6	32	5 and color\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:19
L7	32	6 and (demosaic\$4 or interpolat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:21

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L8	26	7 and luminance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:22
L9	20	8 and chrominance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:25
L10	5	9 and bilateral	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:22
L11	4	10 and (divid\$3 or division)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:23



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- #3 ((denois* and sharpen*)<in>metadata)
- #4 ((denois* and sharpen*)<in>metadata)
- #5 ((mosaic* and demosaic*)<in>metadata)
- #6 ((bilateral filter* and mosaic*)<in>metadata)

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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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Masayoshi, T.; Toshihiro, N.; Akira, S.;
[Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference I](#)
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Volume 1, 2004 Page(s):1509 - 1512 Vol.2
Digital Object Identifier 10.1109/IEMBS.2004.1403463
[AbstractPlus](#) | Full Text: [PDF\(296 KB\)](#) IEEE CNF
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- ☐ 2. **A new wavelet-based approach to sharpening and smoothing of images i**
with applications to deblurring
Berkner, K.; Gormish, M.J.; Schwartz, E.L.; Boliek, M.;
[Image Processing, 2000. Proceedings. 2000 International Conference on](#)
Volume 3, 10-13 Sept. 2000 Page(s):797 - 800 vol.3
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- ☐ 3. **New concepts on denoising and sharpening of video signals**
Rieder, P.; Scheffler, G.;
[Consumer Electronics, IEEE Transactions on](#)
Volume 47, Issue 3, Aug. 2001 Page(s):666 - 671
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- ☐ 4. **Forward-and-backward diffusion processes for adaptive image enhancen**
denoising
Gilboa, G.; Sochen, N.; Zeevi, Y.Y.;
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- ☐ 5. **Fuzzy LUM filters [image denoising/enhancement applications]**
Yao Nie; Barner, K.E.;
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- ☐ **6. New concepts on denoising and sharpening of video signals**
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- ☐ **7. Design of piecewise linear sharpeners**
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[Imaging Systems and Techniques, 2005. IEEE International Workshop on](#)
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Digital Object Identifier 10.1109/IST.2005.1594521
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- ☐ **8. Adaptive parameter selection for improved fuzzy image enhancement**
Kam, H.S.; Tan, W.H.;
[Computer Graphics, Imaging and Visualization, 2004. CGIV 2004. Proceeding: Conference on](#)
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- ☐ **9. An improved image enhancement combining smoothing and sharpening**
Kam, H.S.; Hanmandlu, M.; Tan, W.H.;
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- ☐ **10. Histogram modification via partial differential equations**
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- ☐ **11. Image denoising using total least squares**
Hirakawa, K.; Parks, T.W.;
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- ☐ **12. The fuzzy transformation and its applications in image processing**
Yao Nie; Barner, K.E.;
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- ☐ **13. Digital zoom camera with image sharpening and suppression**
Weerasinghe, C.; Nilsson, M.; Lichman, S.; Kharitonenko, I.;
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- ☐ **14. Adaptive noise reduction and sharpening of OSEM-reconstructed data**
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- ☐ **15. A study of morphological edge enhancement by double structuring elem
ultrasound B-mode images [biomedical imaging]**
Tsubai, M.; Nishimura, T.; Sasaki, A.; Mitake, T.; Umemura, S.;
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- ☐ **16. Fingerprint image enhancement based on nonlinear anisotropic reverse-
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Volume 1, 2004 Page(s):1601 - 1604 Vol.3
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- ☐ **18. Bilateral recovering of sharp edges on feature-insensitive sampled mesh**
Wang, C.C.L.;
[Visualization and Computer Graphics, IEEE Transactions on](#)
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Digital Object Identifier 10.1109/TVCG.2006.60
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- ☐ **19. An improved fuzzy image enhancement by adaptive parameter selection**
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- ☐ **20. Semi-fragile image authentication using generic wavelet domain features**
 Qibin Sun; Shih-Fu Chang;
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- ☐ **21. Automatic enhancement of noisy images using objective evaluation of in**
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- ☐ **22. Combined Demosaicing and Adaptive Filtering on CFA Images**
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- ☐ **23. An adaptive soft-morphological-gradient-filter-for-edge-detection**
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- ☐ **24. Robust local max-min filters by normalized power-weighted filtering**
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- ☐ **25. Optimized fuzzy transformation for image deblocking**
 Yao Nie; Barner, K.E.;
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 Volume 1, 6-9 July 2003 Page(s):I - 541-4 vol.1
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IEEE CNF IEEE Conference
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IEEE STD IEEE Standard

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26. Image approximation and smoothing by support vector regression
Kai Tik Chow, D.; Tong Lee;
Neural Networks, 2001. Proceedings. IJCNN '01. International Joint Conference on
Volume 4, 15-19 July 2001 Page(s):2427 - 2432 vol.4
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☐ 27. Progress with an "all-wavelet" approach to image enhancement and de-noising of digital thorax radiographic images
Bolet, J.-P.; Cowen, A.R.; Launders, J.; Davies, J.; Parkin, G.J.S.; Bury, R.F.; Image Processing and Its Applications, 1997., Sixth International Conference on
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Volume 15, Issue 2, Feb. 2006 Page(s):422 - 429
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29. **Geometrical and signal processing aspects using a bistatic hitchhiking radar**
Overrein, O.; Olsen, K.E.; Johnsrud, S.; Sornes, P.K.; Johnsen, T.; Navarro, J.
Stemland, R.O.;
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9-12 May 2005 Page(s):332 - 336
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- ☐ 1. **Improvement of Color Video Demosaicking in Temporal Domain**
Wu, X.; Zhang, L.;
[Image Processing, IEEE Transactions on](#)
Volume 15, Issue 10, Oct. 2006 Page(s):3138 - 3151
Digital Object Identifier 10.1109/TIP.2006.877504
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- ☐ 2. **Primary-consistent soft-decision color demosaicking for digital cameras**
Xiaolin Wu; Ning Zhang;
[Image Processing, IEEE Transactions on](#)
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- ☐ 3. **Binary Tree-based Generic Demosaicking Algorithm for Multispectral Filt**
Miao, L.; Qi, H.; Ramanath, R.; Snyder, W.E.;
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- ☐ 4. **Temporal color video demosaicking via motion estimation and data fusio**
Xiaolin Wu; Lei Zhang;
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- ☐ 5. **Temporal color video demosaicking via motion estimation and optimal di**
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- ☐ **6. Primary-consistent soft-decision color demosaic for digital cameras**
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- ☐ **7. Color demosaicking via directional linear minimum mean square-error es**
Lei Zhang; Xiaolin Wu;
[Image Processing, IEEE Transactions on](#)
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- ☐ **8. A MMSE estimate for demosaicking**
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- ☐ **9. Super-resolution sharpening-demosaicking method for removing image blur using an optical low-pass filter**
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- ☐ **10. Mathematics for demosaicking**
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- ☐ **11. Sharpening-demosaicking method for removal of image blurs caused by low-pass filter**
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- ☐ **12. Low-complexity linear demosaicking using joint spatial-chromatic image statistics**
Portilla, J.; Otaduy, D.; Dorronsoro, C.;
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- ☐ **13. Projective demosaicing using multiple overlapping images**
Fung, J.; Mann, S.;
[Intelligent Multimedia, Video and Speech Processing, 2004. Proceedings of 2004 IEEE Symposium on](#)
20-22 Oct. 2004 Page(s):190 - 193
Digital Object Identifier 10.1109/ISIMP.2004.1434032
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- ☐ **14. The design and evaluation of a generic method for generating mosaickec filter arrays**
Lidan Miao; Hairong Qi;
[Image Processing, IEEE Transactions on](#)
Volume 15, Issue 9, Sept. 2006 Page(s):2780 - 2791
Digital Object Identifier 10.1109/TIP.2006.877315
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- ☐ **15. Lossless compression of color mosaic images**
Ning Zhang; Xiaolin Wu;
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- ☐ **16. The impulse responses of block shift-invariant systems and their use for algorithms**
Hel-Or, Y.;
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- ☐ **17. Demosaicing using optimal recovery**
Muresan, D.D.; Parks, T.W.;
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Digital Object Identifier 10.1109/TIP.2004.838697
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- ☐ **18. Direct super-resolution and registration using raw CFA images**
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